

**REMARKS:**

The above amendments and following remarks are responsive to the points raised in the September 24, 2003 non-final Office Action. Upon entry of the above amendments, Claim 1 will have been amended, Claims 10 and 20 will have been canceled, new Claims 21-25 have been added, and Claims 1-4, 6-9, 11-14, 16-19, and 21-25 will be pending. No new matter has been introduced. Entry and reconsideration are respectfully requested.

**Response to the Objections to the Specification**

The specification has been “objected to as failing to provide proper antecedent basis for the claimed subject matter. More specifically, the Examiner urges that the specification does not provide proper antecedent basis for the Claim 1 recitation of “modifying a ‘control pattern of the display element’.”

Applicants have amended the specification to overcome this objection. Accordingly, the objections to the specification are now moot and should be withdrawn.

**Response to Rejection under 35 U.S.C. § 102(e):**

Claims 10 and 20 have been rejected under 35 U.S.C. § 102(e) as being anticipated by Hamada et al. ((Hamada) JP 07-072450, published March 17, 1995). Claims 1-4, 6-14, and 16-20 have been rejected under 35 U.S.C. § 102(e) as being anticipated by Kunzman (US Patent 6,392,717). Applicants respectfully traverse these rejections.

As quoted by the Examiner on Page 4 of the September 24, 2003 Office Action, provides for rejections of inventions under 35 U.S.C. § 102 based upon “(1) an application for patent,

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published under Section 122(b) by another filed in the United States...or (2) a patent granted on an application for patent by another filed in the United States, except that an international application filed under the treaty...if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.” The applied Japanese patent document of Hamada, however, is not (1) an application published under 35 U.S.C. § 122(b) filed in the United States or (2) a United States patent granted on (a) an application filed in the United States or (b) an international application designating the United States and published in the English language under PCT Article 21(2).

Notwithstanding the above discussion, however, Applicants, in the interest of expediting prosecution of the instant application, have nonetheless, canceled Claims 10 and 20.

Accordingly, the rejection under 35 U.S.C. § 102(e) over Hamada should be withdrawn.

Independent Claim 1 has been amended to recite, inter alia, a display apparatus:

“wherein purity of at least one color out of said colors is varied by moving a filter into or out of an optical path of said at least one color and wherein the image signal of at least one color for driving said display element is modified accordingly to variation in purity of the at least one color.”

Applicants respectfully submit that Kunzman does not teach or suggest a display apparatus as recited in Claim 1, and in particular, wherein purity of at least one of the colors of a plurality of light beams is varied by moving a filter into or out of an optical path of the at least one color and wherein the image signal of the one color from driving the display element is modified accordingly to variation in purity of the one color.

In contrast, the display system disclosed by Kunzman utilizes a rotating color wheel (18) that includes red, blue, green, and clear filters to control the brightness for all areas of an image so that dark areas are made to appear more correctly without washing out bright areas. Kunzman

discloses that white light from the lamp (14) passes through both the filters of the calibrated rotating color wheel (18) and the relay optics (26) prior to impinging the active portion of the spatial light modulator array (28). Electronics (24) evaluate the image projected upon the modulator array (28) and match the events of the color wheel (18) to the operation of the modulator array (28) to produce the desired final image. Regardless of the operation mode of the Kunzman display system, none of the filters of the color wheel are omitted from placement in the optical path. In other words, Kunzman does not disclose that an image signal of one color is corrected in accordance with in and out placement of the filter for changing purity of the color in the optical path. As such, the display apparatus recited in Claim 1 is distinguished over the applied reference of Kunzman. Likewise, dependent Claims 6-9, 11-14, 16-19, and newly added dependent Claims 21-25 are distinguished over Kunzman for at least the same reasons as independent Claim 1 discussed above. Accordingly, the rejection under 35 U.S.C. § 102(e) should be withdrawn.

#### **Response to the Objection of the Drawings**

The drawings have been rejected to on the basis that "Figures 38-42 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. Applicants have amended Figures 38-42, i.e., drawing sheets 22/34, 23/34, and 24/34 to include the legend "PRIOR ART" to overcome this objection of Figures 38-42. As noted above, the attached drawing sheets 22/34, 23/34, and 24/34 replace original Figures 38-42. Applicants believe that the above amendments to the specification obviate the points of objection raised by the Examiner with respect to Figure 55. As such, Applicants respectfully submit that the objection to Figure 55

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is now moot and that no amendment of Figure 55 is necessary. Accordingly, the objection to the drawings is now moot and should be withdrawn.

**CONCLUSION**

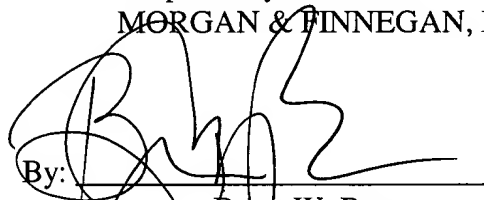
Applicants respectfully submit that Claims 1-4, 6-9, 11-14, 16-19, and 21-25 are in condition for allowance and a notice to that effect to earnestly solicited.

**AUTHORIZATIONS:**

The commissioner is hereby authorized to charge any additional fees that may be required for the timely consideration of this amendment, or credit any overpayment to Deposit Account No. 13-4500, Order No. 1232-4621.

Respectfully submitted,  
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